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Filing Date		2006-08-29		
First Named Inventor	Michael S. Wong			
Art Unit		1793		
Examiner Name	Kevin M. Johnson			
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	2	4257874		1981-03-24	1981-03-24 Bergna		
	3	5098684		1992-03-24	Kresge, et al.		
	4	5622684		1997-04-22	7-04-22 Pinnavaia, et al.		
	5	6548440	B1	2003-04-15	5 Pham, et al.		
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	1	19951781	DE		A1	2001-05-03	8	Süd Chemie AG		
	2	0266011	EP		A1	1988-05-04	F	Shell Internationale Research Maatschappij 3.V.		
	3	1293479	EP		A1	2003-03-19		apan Science and echnology Corporation		
	4	1422198	EP		A1	2004-05-26	C	Chiyoda Corporation		
	5	0132558	wo		A1	2001-05-10	F	Rhodia Chimie		
	6	02057183	wo		A1	2002-07-25	F	Rhodia Chimie		
	7	02057184	wo		A1	2002-07-25	F	Rhodia Chimie		
	8	03004412	wo		A1	2003-01-16	1	The University of Queensland		

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> LIU_YU_et al., "Aluminosilicate nanoparticles for catalytic hydrocarbon cracking." XP-002545357, J. Am. Chem. Soc., 2003, pp. 2376-2377, Vol. 125, No. 9, American Chemical Society.

KNOWLES, WILLIAM V., et al., "Supported metal oxides and the surface density metric," XP-002545362, undated but

included on Supplemental European Search Report for related counterpart application EP 04776251.3, pp. 251-281.

KRESGE, C. T., et al., "Ordered mesoporous molecular sieves synthesized by a liquid-crystal template mechanism,"

XP 000573992, Letters to Nature, October 22, 1992, pp. 710-712, Vol. 359, Nature.

5

6

7

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	8	MURRAY, C. B., et at., "Self-organization of CdSe nanocrystallites into three-dimensional quantum dot superlattices," XP-002545356, November 24, 1995, pp. 1335-1338, Vol. 270, Science.						
	9	TANEV, PETER T., et al., "Nanoporous materials," XP-002545360, Chapter 8 of "Chemistry of advanced materials: an overview," edited by Leonard V. Interrante, et al., 1998, pp. 329-388, Wiley-VCH, Inc.						
	10	WONG, MICHAEL S., et al., "Supramolecular-templated synthesis of nanoporous zirconia-silica catalysts," XP-001162203, Chem. Mater., 2002, pp. 1961-1973, Vol. 14, No. 5, American Chemical Society.						
	11	WONG, MICHAEL S., et al., "Surfactant-templated mesostructured materials: synthesis and compositional control," XP-002545361, undated but included on Supplemental European Search Report for related counterpart application EP 04776251.3, pp. 125-164.						
	12	YADA, MITSUNORI, et al., "Mesoporous magnetic materials based on rare earth oxides," XP-002545358, Angew. Chem. Int. Ed., 1999, pp. 3506-3510, Vol. 38, No. 23, WILEY-VCH Verlag GmbH, D-69451 Weinheim.						
	13	YANG, PEIDONG, et al., "Block copolymer templating syntheses of mesoporous metal oxides with large ordering lengths and semicrystalline framework," XP-002162652, Chem. Mater., 1999, pp. 2813-2826, Vol. 11, No. 10, American Chemical Society.						
	14	YING, JACKIE Y., et al., "Synthesis and applications of supramolecular-templated mesoporous materials." XP-002545354, Angew. Chem. Int. Ed., 1999, pp. 57-77, Vol. 38, WILEY-VCH Verlag GmbH, D-69451 Weinheim.						
	ZARUR, ANDREY J., et al., "Reverse microemulsion synthesis of nanostructured complex oxides for catalytic combustion," XP-002545359, Letters to Nature, January 6, 2000, pp. 65-67, Vol. 403, Nature, Macmillan Magazines Ltd.							
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